

Title (en)

METHODS AND APPARATUS FOR INFLATING AND SEALING PILLOWS IN PACKAGING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUFBLASEN UND VERSIEGELN VON KISSENFORMIGEN VERPACKUNGEN

Title (fr)

PROCEDES ET APPAREIL DE GONFLAGE ET DE FERMETURE D'EMBALLAGES DE TYPE COUSSIN

Publication

EP 1311431 A4 20070418 (EN)

Application

EP 01964572 A 20010806

Priority

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- US 63884300 A 20000814

Abstract (en)

[origin: WO0214156A1] A machine (11) which inflates and seals pillows in packaging is compact in overall size and can be operated to produce varied lengths of strips of inflated pillow-type packaging (65) as needed. Production can begin immediately after being held out of a production cycle for the inflated pillow-type packing (65). A heat sealing element (75,81,83) is applied directly to and in sliding contact with a web of film for sealing an inlet port which was used for inflating the pillow-type packaging (65).

IPC 1-7

B65B 31/00

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [A] US 4961302 A 19901009 - DAVIS STEVEN D [US]
- See references of WO 0214156A1

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Designated contracting state (EPC)

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WO 0214156 A1 20020221; AU 8541101 A 20020225; DE 01964572 T1 20040519; EP 1311431 A1 20030521; EP 1311431 A4 20070418; ES 2208144 T1 20040616; JP 2004505862 A 20040226; US 2002108697 A1 20020815; US 2002112808 A1 20020822; US 2003118778 A1 20030626; US 2004134164 A1 20040715; US 2005235600 A1 20051027; US 2005236295 A1 20051027; US 2005244613 A9 20051103; US 2006110581 A1 20060525; US 2006218876 A1 20061005; US 2006257601 A1 20061116; US 2009217620 A1 20090903; US 2010068430 A1 20100318; US 2011293864 A1 20111201; US 6565946 B2 20030520; US 6605169 B2 20030812; US 6659150 B1 20031209; US 7059097 B2 20060613; US 7090912 B2 20060815; US 7223462 B2 20070529; US 7361397 B2 20080422; US 7536837 B2 20090526; US 7832562 B2 20101116; US 8323774 B2 20121204; US 9003743 B2 20150414; US RE40288 E 20080506

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